

Wipper does not have a cavity and cavity closure region with saw tooth shapes across the cavity closure region on the one hand, Wipper has tapered grooves. Wipper never extends saw tooth shapes across a cavity. In both cases, Wipper has individual grooves and cavities with nothing extending across individual cavities in the cavity closure region.

Claim 145 is not anticipated by Wipper, who neither recognizes nor solves the problem of back splash solved by the saw tooth shapes across a cavity closure region of a single cavity, as described and claimed herein.

With regard to rejections based on the applicant's own Lang patent, claim 1 contains limitations on the last two lines which are not found in the reference, making all of those rejected claims between 1 and 61 distinct from the applicant's own patent.

Claim 62 contains limitations in the last two lines not found in the applicant's own patent, making all of claims 62-73 distinct from the applicant's own patent.

Claim 79 contains limitations such as on lines 5-10 that are not found in the applicant's own patent. All of those rejected claims between 79 and 100 should be allowed.

Claim 100 contains limitations on lines 4-8 not found in the applicant's own patent. Rejected claims 100-104 should be allowed.

Claim 105 contains features in lines 6-9 not found the applicant's own patent. Claims 105-114 and 116-124 should be allowed.

Claim 125 contains limitations in the last four lines not found in the applicant's own patent. Claims 125-137 and 139-142 should be allowed.

Claim 152 contains limitations in the last five lines not found in the applicant's own patent. Claims 152-155, 157-162, 165-171, 173 and 174 should be allowed.

Claim 175 contains limitations on the last line not found in the applicant's own patent. Claims 175-177, 179-182 and 189-191 should be allowed.

The multiple spanwise ducts of claim 192 are not found in the patent. Claim 192 should be allowed.

The limitation on the last lines of claims 193 and 202 is not found in the patent. Claims 193-197 and 202-206 should be allowed.

The limitations of the last two lines of claim 214 are not found in the patent. Claims 214-216 should be allowed.

The limitations of the last three lines of claim 217 are not found in the patent. Claims 217-220 should be allowed.

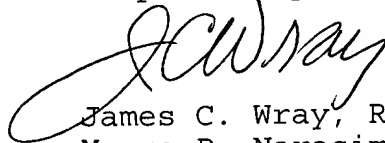
There is nothing inherent in the patent or Barkley which would have suggested their combination. Even if combined, Barkley would not have suggested the features added by claims 56, 57, 170, 171, 173, 174, 204-206 and 209-313. The purpose of Barkley was to add independently controlled foils 21 for roll stability. Nothing in that could have suggested combination with the cited patent to change flow and lift characteristics of the main hydrofoil.

Claims 56, 57, 170, 171, 173, 174, 204-206 and 209-313  
should be allowed.

The last two lines of claim 204 would not have been obvious  
from the Lang patent or Barkley.

Claims 204-206 and 209-213 should be allowed.

Respectfully,

A handwritten signature in black ink, appearing to read "JC Wray", is written over the typed name.

James C. Wray, Reg. No. 22,693  
Meera P. Narasimhan, Reg. No. 40,252  
1493 Chain Bridge Road  
Suite 300  
McLean, Virginia 22101  
Tel: (703) 442-4800  
Fax: (703) 448-7397

August 1, 2003